

Message

**From:** Charlie Petersen - 8PCS [charles.petersen@gsa.gov]  
**Sent:** 12/14/2017 6:48:32 PM  
**To:** Nakatsu, Jason [Nakatsu.Jason@epa.gov]  
**CC:** Shanahan, Mike [Shanahan.Mike@epa.gov]; Sierra, Eddie [Sierra.Eddie@epa.gov]; Artemis, Tina [Artemis.Tina@epa.gov]  
**Subject:** Re: IAQ Sampling.

## Referred to GSA

Charlie Petersen  
Project Manager  
Architect, LEED AP  
GSA Region 8, Public Buildings Services  
Office: (303) 236-4620  
Cell: (720) 413-5306

On Wed, Dec 13, 2017 at 6:06 PM, Nakatsu, Jason <[Nakatsu.Jason@epa.gov](mailto:Nakatsu.Jason@epa.gov)> wrote:

Eddie, Mike, Charlie,

Based on the email sent from Charlie the green highlighted are what the contractor is including in their proposed sampling.

### Ex. 5 Deliberative Process (DP)

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provide recommendations. Please advise on your decision as this is what we will need to report in the communication plan. The communication plan will detail what the workgroup has asked and subsequently what was approved and performed.

Carbon Dioxide

Carbon Monoxide (if using CO generating devices)

Temperature

Humidity

Nuisance Dust (both in air and adjacent surfaces)

Caprolactam

Formaldehyde

## Total VOC's

Demonstrate that the contaminant maximum concentration levels listed below are not exceeded:

Contaminant	Maximum Concentration	EPA Compendium method	ISO method
Formaldehyde	27 parts per billion	IP-6	ISO 16000-3
Particulates (PM10)	50 micrograms per cubic meter	IP-10	ISO 7708
Total volatile organic compounds (TVOCs)	500 micrograms per cubic meter	IP-1	ISO 16000-6
4-Phenylcyclohexene (4-PCH)*	6.5 micrograms per cubic meter	IP-1	ISO 16000-6
Carbon monoxide (CO)	9 part per million and no greater than 2 parts per million above outdoor levels	IP-3	ISO 4224

\* This test is only required if carpets and fabrics with styrene butadiene rubber (SBR) latex backing are installed as part of the base building systems.

For each sampling point where the maximum concentration limits are exceeded, conduct an additional flush-

**From:** Shanahan, Mike

**Sent:** Wednesday, December 13, 2017 4:59 PM

**To:** Charlie Petersen - 8PCS <[charles.petersen@gsa.gov](mailto:charles.petersen@gsa.gov)>

**Cc:** Nakatsu, Jason <[Nakatsu.Jason@epa.gov](mailto:Nakatsu.Jason@epa.gov)>; Sierra, Eddie <[Sierra.Eddie@epa.gov](mailto:Sierra.Eddie@epa.gov)>

**Subject:** Re: Invitation: FW: New Lease Health and Safety @ Tue Dec 19, 2017 2pm - 3pm (MST) (null)

Looping Eddie in.

Eddie - can you work with Ray to support this?

**Ex. 5 Deliberative Process (DP)**

See everyone in Jan.

Shanahan out!

Mike

Mike Shanahan

Director, Infrastructure Program

Local Reasonable Accommodation Coordinator ( LORAC)

Mail Code 8TMS-INF

Technical Management Service (TMS)

U.S. EPA Region 8

1595 Wynkoop

Denver, CO 80202

Office: 303-312-6121

Gov't Cell: 303-917-0590

On Dec 13, 2017, at 4:56 PM, Charlie Petersen - 8PCS <[charles.petersen@gsa.gov](mailto:charles.petersen@gsa.gov)> wrote:

# Referred to GSA

Charlie Petersen

Project Manager

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GSA Region 8, Public Buildings Services

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----- Forwarded message -----

From: **Seth Rhea** <[seth@waringoffice.com](mailto:seth@waringoffice.com)>

Date: Wed, Dec 13, 2017 at 2:07 PM

Subject: RE: Invitation: FW: New Lease Health and Safety @ Tue Dec 19, 2017 2pm - 3pm (MST) (null)

To: Charlie Petersen - 8PCS <[charles.petersen@gsa.gov](mailto:charles.petersen@gsa.gov)>

Cc: Jeffrey McCaffrey - 8PSCP <[jeffrey.mccaffrey@gsa.gov](mailto:jeffrey.mccaffrey@gsa.gov)>

## Referred to GSA

# Referred to GSA

Waring Associates

Seth Rhea

Senior Project Manager

Construction Services

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Denver, CO 80202

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O: (720) 799-8115

<image001.jpg>

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